

PATENT  
Reply under 37 CFR 1.116  
EXPEDITED PROCEDURE  
Group 2831

AMENDMENT(S) TO THE CLAIMS

1. (currently amended) An electrical wiring assembly, comprising:
- at least one electrical conductor;
- a flexible electrical tubing having a first end and a second end, said tubing loosely carrying
- said at least one electrical conductor, said at least one electrical conductor traversing said tubing
- 5 from said first end to said second end; and
- an electrical component associated with said at least one electrical conductor, said
- electrical component solely hermetically sealing said first end, said electrical component
- comprising an electrical connector having at least one electrical terminal, said at least one
- electrical terminal connected with a corresponding said electrical conductor.

10

2. (original) The electrical assembly of claim 1, said tubing including an inner surface,
- said electrical component hermetically sealing with said inner surface.

3. (cancelled).

4. (currently amended) An The electrical wiring assembly of claim 1, comprising:
- at least one electrical conductor;
- a flexible electrical tubing having a first end and a second end, said tubing loosely carrying
- said at least one electrical conductor, said at least one electrical conductor traversing said tubing
- 5 from said first end to said second end; and

GRD0122.CIP

PATENT  
Reply under 37 CFR 1.116  
EXPEDITED PROCEDURE  
Group 2831

an electrical component associated with said at least one electrical conductor, said  
electrical component solely hermetically sealing said first end, said electrical component  
comprising a plug, said at least one electrical conductor extending through and sealed with said  
plug.

10

5. (currently amended) An The electrical wiring assembly of claim 1, comprising:  
at least one electrical conductor;

a flexible electrical tubing having a first end and a second end, said tubing loosely carrying  
said at least one electrical conductor, said at least one electrical conductor traversing said tubing  
5 from said first end to said second end, said tubing including a non-smooth inner surface; and

an electrical component associated with said at least one electrical conductor, said  
electrical component solely hermetically sealing said first end, said electrical component having  
an outer periphery with at least one annular projection engaged with said inner surface.

6. (original) The electrical assembly of claim 5, said electrical component having a  
plurality of annular projections.

7. (original) The electrical assembly of claim 1, said tubing including a non-smooth inner  
surface, said electrical component having an outer periphery which is in continuous, intimate  
physical contact with said inner surface.

GRD0122.CIP

PATENT  
Reply under 37 CFR 1.116  
EXPEDITED PROCEDURE  
Group 2831

8. (original) The electrical assembly of claim 7, said electrical component formed by the process of insert molding with said tubing.

9. (original) The electrical assembly of claim 1, said tubing having a non-smooth outer surface with one of a convoluted and spiral shape.

10. (currently amended) An electrical wiring assembly, comprising:

at least one electrical conductor;

a flexible electrical tubing having a first end and a second end, said tubing loosely carrying said at least one electrical conductor, said at least one electrical conductor traversing said tubing

5 from said first end to said second end; and

an electrical connector having at least one electrical terminal, ~~each~~ said at least one electrical terminal connected with a corresponding said electrical conductor, said electrical connector solely hermetically sealing said first end.

11. (original) The electrical assembly of claim 10, said tubing including a non-smooth inner surface, said electrical connector having an outer periphery with at least one annular projection engaged with said inner surface.

12. (original) The electrical assembly of claim 11, said electrical connector having a plurality of annular projections.

GRD0122.CIP

PATENT  
Reply under 37 CFR 1.116  
EXPEDITED PROCEDURE  
Group 2831

13. (original) The electrical assembly of claim 10, said tubing including a non-smooth inner surface, said electrical connector having an outer periphery which is in continuous, intimate physical contact with said inner surface.

14. (previously presented) An electrical wiring assembly, comprising:

at least one electrical conductor;

a flexible electrical tubing having a first end and a second end, said tubing loosely carrying said at least one electrical conductor, said at least one electrical conductor traversing said tubing

5 from said first end to said second end; and

a plug solely hermetically sealing said first end, said at least one electrical conductor extending through and sealed with said plug.

15. (original) The electrical assembly of claim 14, said tubing including a non-smooth inner surface, said plug having an outer periphery with at least one annular projection engaged with said inner surface.

16. (original) The electrical assembly of claim 15, said plug having a plurality of annular projections.

17. (original) The electrical assembly of claim 14, said tubing including a non-smooth inner surface, said plug having an outer periphery which is in continuous, intimate physical contact with said inner surface.

GRD0122.CIP